## Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

09/892,973 Examiner

SHICK C. HOM

HUH ET AL.
Art Unit
2616

√ Rejected
= Allowed

- (Through numeral)
- Cancelled
- Restricted

N Non-Elected
I Interference

A Appeal
O Objected

|       |          | _      |   |        |         |         | _       |               | L        |         |   |               |          |          |               |         | _        | _             |        |         |     |       | L          |         |               |               | _             | _       | J        |          |
|-------|----------|--------|---|--------|---------|---------|---------|---------------|----------|---------|---|---------------|----------|----------|---------------|---------|----------|---------------|--------|---------|-----|-------|------------|---------|---------------|---------------|---------------|---------|----------|----------|
| Cla   | im       | Date   |   |        |         |         |         |               |          |         | ٦ | Cla           | Claim    |          |               |         | Date     |               |        |         | Cli | aim   |            | Date    |               |               |               |         |          |          |
|       | -        | T      | Т | Τ      | Τ       | Т       | Т       | Т             | П        | Т       | 1 |               | =        |          | Т             | Т       | Т        | П             | Т      | $\top$  | - 1 |       | =          |         |               | П             | Т             | Т       | П        | П        |
| Final | Original | 00/6/9 | 3 |        | ı       |         |         |               |          |         |   | Final         | Original | 6/3/08   |               |         |          |               |        |         |     | Final | Original   |         |               |               |               |         |          |          |
| 证     | ·E'      | 3      | 3 | ı      |         |         | - 1     |               |          |         |   | 证             | 윤        | 83       |               |         |          |               |        |         |     | ιĒ    | - Si       |         |               |               |               |         |          |          |
|       |          |        |   |        |         |         |         |               |          |         | J |               |          |          |               |         |          |               |        |         |     |       |            |         |               |               |               |         |          |          |
|       | 1        | 1      |   | L      | $\perp$ | $\perp$ | $\perp$ | $\perp$       |          | $\perp$ | ] |               | 51       | =        | $\perp$       | $\perp$ |          |               |        |         | Į   |       | 101        |         |               |               | $\perp$       | $\perp$ | $\perp$  |          |
|       | 2        | Ŀ      |   | ╙      | $\perp$ | 4       | 4       | 4             | _        | _       | 1 |               | 52       | -        | _             | _       | ┺        | Ш             | _      | $\perp$ | ı   |       | 102        |         | Ш             | $\perp$       | _             | _       | ₽        | Ш        |
|       | 3        | :      |   | ╙      | $\perp$ | 4       | 4       | 4             | _        | $\perp$ | 1 |               | 53       | -        | $\perp$       | _       | ┺        | $\Box$        | _      | $\perp$ | ļ   |       | 103        |         |               |               | _             | $\perp$ | $\perp$  | Ш        |
|       | 4        | Ŀ      |   | ┺      | ┸       | 4       | 4       | 4             | _        | $\perp$ | 1 |               | 54       | -        | $\rightarrow$ | $\perp$ | $\perp$  | $\perp$       | _      | $\perp$ | ļ   |       | 104        |         | Ш             | $\perp$       | _             | $\perp$ | $\perp$  | Ш        |
|       | 5        | Ŀ      |   | ╄      | 1       | +       | 4       | 4             | 4        | _       | 1 |               | 55       | -        | $\rightarrow$ | _       | ╄        | ш             | _      | $\perp$ |     |       | 105        |         | ш             | $\perp$       | 4             | +       | ₽        | Ш        |
|       | 6        | Ŀ      |   | ╀      | $\perp$ | +       | +       | _             | -        | $\perp$ | 4 |               | 56       | -        | $\rightarrow$ | _       | $\vdash$ | $\Box$        | _      | $\perp$ | - 1 |       | 106        |         | Ш             | $\perp$       | _             | +       | $\vdash$ | Ш        |
| _     | 7        | Ŀ      |   | ⊬      | +       | +       | +       | +             | -        | -       | 4 | _             | 57<br>58 | Н        | +             | +       | +        | $\vdash$      | -      | +       | - 1 | _     | 107        | -       | Н             | $\rightarrow$ | -             | -       | ₩        | Н        |
|       | 8        | -      |   | ╀      | +       | +       | +       | $\dashv$      | -        | +       | 4 |               | 58       | Н        | +             | +       | +        | $\vdash$      | -      | +       | - 1 | _     | 108<br>109 | -       | Н             | $\rightarrow$ | -             | +       | ₩        | Н        |
|       | 10       | 1      |   | ╀      | +       | +       | +       | $\dashv$      | $\dashv$ | +       | - | $\vdash$      | 60       | Н        | +             | +       | +        | $\vdash$      | -      | +       | 1   |       | 110        | +       | Н             | -             | -             | +       | ₩        | Н        |
| _     | 11       | -      |   | ╀      | +       | +       | +       | $\dashv$      | -        | +       | - | $\vdash$      | 61       | Н        | +             | +       | +        | $\vdash$      | -      | +       | 1   |       | 110        | +       | Н             | -             | -             | +       | ₩        | Н        |
|       | 12       | 1      |   | +      | +       | +       | +       | +             | $\dashv$ | +       | - | $\vdash$      | 62       | Н        | +             | +       | +        | $\vdash$      | +      | +       | 1   | -     | 111        | +       | Н             | Н             | +             | +       | $\vdash$ | $\vdash$ |
|       | 13       |        |   | +      | +       | +       | +       | +             | -        | +       | 1 | $\vdash$      | 63       | Н        | +             | +       | +        | $\vdash$      | +      | +       | 1   |       | 113        | +       | Н             | $\vdash$      | +             | +       | +        | Н        |
| _     | 14       |        |   | ٠      | ٠       | +       | +       | +             | $\dashv$ | +       | 1 | $\vdash$      | 64       | Н        | +             | +       | +        | Н             | +      | +       | 1   | _     | 114        | +       | Н             | Н             | +             | +       | +        | Н        |
|       | 15       | 1      |   | ۰      | ٠       | +       | +       | +             | $\dashv$ | +       | 1 | $\vdash$      | 65       | Н        | +             | +       | +        | Н             | +      | +       | H   |       | 115        | +       | Н             | Н             | +             | +       | +        | Н        |
|       | 16       | 1      |   | t      | t       | +       | +       | +             | -        | +       | 1 | $\vdash$      | 66       | Н        | $^{+}$        | +       | +        | $\vdash$      | _      |         | ı   |       | 116        | +       | Н             | Н             | +             | +       | +        | Н        |
| _     | 17       | t.     |   | +      | +       | +       | +       | $\dashv$      | $\dashv$ | +       | 1 |               | 67       | Н        | $^{+}$        | +       | +        | $\overline{}$ | _      | +       | ı   |       | 117        | +       | Н             | $\overline{}$ | +             | +       | $\vdash$ | Н        |
|       | 18       | t.     |   | $^{+}$ | t       | +       | +       | $\dashv$      | $\neg$   | +       | 1 |               | 68       | Н        | $^{+}$        | +       | +        |               | _      | +       | 1   |       | 118        |         | Н             | Н             | $\pm$         | +       | т        | Н        |
|       | 19       | ŀ      |   | $^{+}$ | $^{+}$  | +       | +       | $\dashv$      | $\neg$   | +       | 1 |               | 69       | Н        | $^{-}$        | +       | +        |               | _      | +       | ı   |       | 119        |         | Н             |               | +             | +       | $\vdash$ | Н        |
|       | 20       | t      |   | $^{+}$ | $^{+}$  | $^{+}$  | $^{+}$  | $\dashv$      | $\neg$   | $\top$  | 1 |               | 70       |          | $\neg$        | +       | +        |               | _      |         | ı   |       | 120        |         | Н             | $\neg$        | $\rightarrow$ | +       | $\vdash$ | Н        |
|       | 21       | t      |   | t      | t       | $^{+}$  | $^{+}$  | $\dashv$      | $\neg$   | $\top$  | 1 |               | 71       |          | $^{-}$        | $^{+}$  | $^{+}$   | $\Box$        | _      | +       | 1   |       | 121        |         |               |               | $\pm$         | +       | $\vdash$ | Н        |
|       | 22       | t      |   | $^{+}$ | $^{+}$  | $^{+}$  | $\top$  | $\neg$        | $\neg$   | $\top$  | 1 |               | 72       | П        | $\neg$        | _       | -        | $\Box$        | $\neg$ |         |     |       | 122        |         | $\overline{}$ |               | $\neg$        | $\top$  | $\vdash$ | П        |
|       | 23       | t      |   | $^{+}$ | T       | $^{+}$  | $\top$  | $\neg$        | $\neg$   | $\top$  | 1 |               | 73       |          | $\neg$        | $\top$  | т        | П             |        | -       | - 1 |       | 123        |         | П             | П             | $\forall$     | $\top$  | т        | П        |
|       | 24       | T.     |   | т      | т       | $\top$  | $\top$  | $\neg$        | $\neg$   |         | 1 |               | 74       | П        | $\neg$        |         | T        |               |        |         | - 1 |       | 124        |         | П             | П             | $\neg$        | $\top$  | П        | П        |
|       | 25       | ŀ      |   | Т      | Т       | $\top$  | $\top$  | ┪             | $\neg$   | $\top$  | 1 |               | 75       | П        | $\neg$        | Т       | Т        |               |        |         | ı   |       | 125        |         |               | П             | T             | $\top$  | П        | П        |
|       | 26       | T.     |   | Т      | T       | $\top$  | $\top$  | ╅             | $\neg$   | $\top$  | 1 |               | 76       | П        | $\neg$        | Т       | Т        | П             |        |         | ı   |       | 126        |         |               | П             | ┱             | $\top$  | П        | П        |
|       | 27       | 1      |   | Т      | Т       | Т       | Т       | T             | T        |         | 1 |               | 77       |          |               | Т       | Г        |               |        |         | ı   |       | 127        |         |               |               | Т             | $\top$  | П        |          |
|       | 28       | ŀ      | Т | Г      | Т       | Т       | Т       | П             | П        |         | 7 |               | 78       |          |               | Т       |          |               |        |         |     |       | 128        |         |               |               | П             | Т       | П        |          |
|       | 29       | :      |   | Г      | Τ       | Т       | Т       |               |          |         | ] |               | 79       |          |               |         |          |               |        |         |     |       | 129        |         |               |               | $\Box$        | $\perp$ |          |          |
|       | 30       | :      |   |        |         |         |         |               |          |         | J |               | 80       |          |               |         |          |               |        |         | l [ |       | 130        |         |               |               |               |         | ш        |          |
|       | 31       | :      |   | L      | $\perp$ | $\perp$ | $\perp$ | $\perp$       |          | $\perp$ | 1 |               | 81       |          | $\perp$       | $\perp$ |          |               |        |         | ļ   |       | 131        |         |               |               |               | $\perp$ | $\perp$  |          |
|       | 32       | Ŀ      |   | 1      | 1       | 1       | 4       | 4             | _        | 4       | 1 |               | 82       |          | $\perp$       | 1       | 1        | Ш             | _      |         | ı   |       | 132        |         |               | Ш             | _             | $\perp$ | $\perp$  |          |
|       | 33       | :      |   | ╀      | 1       | +       | 4       | 4             | _        | 4       | 1 | $\vdash$      | 83       | $\vdash$ | $\rightarrow$ | +       | 1        | Ш             | _      | $\perp$ | ļ   |       | 133        | $\perp$ | ш             | Ш             | 4             | +       | ₽        | Ш        |
|       | 34       | Ŀ      |   | ╀      | +       | +       | +       | 4             | 4        | +       | 4 | $\vdash$      | 84       | $\vdash$ | +             | +       | +        | Н             | _      | $\perp$ | ļ   | _     | 134        | $\perp$ | ш             | Н             | 4             | +       | $\vdash$ | Ш        |
|       | 35       | -      |   | +      | +       | +       | 4       | 4             | -        | +       | 4 | $\vdash$      | 85       |          | +             | +       | ╀        | Н             | +      | $\perp$ |     | _     | 135        | $\perp$ | $\vdash$      | Н             | -             | +       | $\vdash$ | $\vdash$ |
|       | 36       | Ŀ      |   | +      | +       | +       | +       | +             | -        | +       | 4 | $\vdash$      | 86       | $\vdash$ | +             | +       | 4        | Н             | +      | $\perp$ | - 1 | _     | 136        | +       | $\vdash$      | Н             | _             | +       | $\vdash$ | $\vdash$ |
|       | 37       | ŀ      |   | +      | +       | +       | +       | $\perp$       | -        | +       | 4 | $\vdash$      | 87       | $\vdash$ | +             | +       | 4        | Н             | +      | $\perp$ | - 1 | _     | 137        | $\perp$ | $\vdash$      | Н             | _             | +       | $\vdash$ | $\vdash$ |
|       | 38       | Ŀ      |   | ╀      | +       | +       | +       | -             | -        | +       | 4 | $\vdash$      | 88       | $\vdash$ | +             | +       | +        | Н             | -      | +       | - 1 | _     | 138        | +       | $\vdash$      | Н             | -             | +       | $\vdash$ | Н        |
|       | 39       | -      |   | +      | +       | +       | +       | $\dashv$      | -        | +       | 4 | $\vdash$      | 89       | $\vdash$ | +             | +       | +        | $\vdash$      | -      | +       | 1   | -     | 139        | +       | $\vdash$      | Н             | -             | +       | $\vdash$ | $\vdash$ |
|       | 40       |        |   | +      | +       | +       | +       | $\rightarrow$ | -        | +       | - | $\vdash$      | 90       |          | +             | +       | +        | $\vdash$      | -      | +       | ŀ   |       | 140        | +       | $\vdash$      | $\vdash$      | $\rightarrow$ | +       | $\vdash$ | Н        |
|       | 41       |        |   | +      | +       | +       | +       | +             | $\dashv$ | +       | - | $\vdash$      | 91<br>92 | $\vdash$ | +             | +       | +        | $\vdash$      | +      | +       | 1   |       | 141        | +       | $\vdash$      | Н             | -             | +       | $\vdash$ | $\vdash$ |
|       | 42       | -      |   | +      | +       | +       | +       | +             | $\dashv$ | +       | 4 | $\vdash$      | 92       | $\vdash$ | +             | +       | +        | $\vdash$      | +      | +       | 1   |       | 142        | +       | $\vdash$      | Н             | +             | +       | $\vdash$ | $\vdash$ |
|       | 44       |        |   | +      | +       | +       | +       | +             | $\dashv$ | +       | - | $\vdash$      | 93       | $\vdash$ | +             | +       | +        | Н             | +      | +       | 1   | -     | 144        | +       | Н             | Н             | +             | +       | +        | Н        |
|       | 44       |        |   | +      | +       | +       | +       | +             | $\dashv$ | +       | - | $\vdash$      | 95       | Н        | +             | +       | +        | Н             | +      | +       | 1   | -     | 144        | +       | Н             | Н             | +             | +       | $\vdash$ | Н        |
| _     | 46       | H.     |   | ٠      | ٠       | +       | +       | +             | -        | +       | 1 | Н             | 96       | Н        | +             | +       | +        | Н             | +      | +       | 1   |       | 146        | +       | Н             | Н             | +             | +       | +        | Н        |
| _     | 46       |        |   | +      | +       | +       | +       | +             | $\dashv$ | +       | 1 | $\vdash$      | 97       | Н        | +             | +       | +        | Н             | +      | +       | 1   |       | 146        | +       | Н             | Н             | +             | +       | +        | Н        |
| _     | 48       | 1      |   | +      | +       | +       | +       | +             | $\dashv$ | +       | 1 | $\vdash$      | 98       | Н        | +             | +       | +        | Н             | +      | +       | 1   | _     | 148        | +       | Н             | Н             | +             | +       | +        | Н        |
| -     | 49       | -      |   | ٠      | ٠       | +       | +       | +             | $\dashv$ | +       | 1 | $\vdash$      | 99       | Н        | +             | +       | +        | Н             | +      | +       | 1   | _     | 149        | +       | Н             | Н             | +             | +       | +        | Н        |
| _     | 50       |        |   | +      | ٠       | +       | +       | +             | -        | +       | ┨ | $\vdash$      | 100      | Н        | +             | +       | +        | $\vdash$      | _      | +       | H   | -     | 150        | +       | Н             | Н             | +             | +       | +        | Н        |
|       | บบ       | L      | _ | _      | _       | _       | _       |               | $\perp$  |         | _ | $\overline{}$ | 100      | -        |               |         | 1        | $\perp$       |        | $\perp$ | ı,  | _     | 100        | $\perp$ |               | ш             |               | ㅗ       | ட        | -        |